

A Guide to the STORET/WQX Transition

Original name	Will be (2008-09)	Function
STORET (STORage and RETrieval)	STORET/WQX (Water Quality Exchange)	EPA water quality data system.
National WebSIM	WQXWeb	Upload data from spreadsheets and databases to the STORET warehouse.
STORET Data Template	WQX Data Template	Facilitate entry of water quality data for eventual upload to the STORET warehouse.

Application	Function	Timeline for implementation
Distributed STORET	Desktop software which allows users to enter and upload data directly to the STORET warehouse. Distributed STORET is no longer supported.	Decommissioned
STORET Warehouse	The repository for water quality data, a warehouse for both STOR age and RET rieval of water quality data from across the U.S.	Ongoing
National WebSIM	Web -based STOR ET I mport M odule, a site which allows users to upload files and configure formatting for transmission of data to the STORET warehouse.	To be decommissioned in Fall 2009
Water Quality Exchange (WQX)	The new data transmission standard for upload to the STORET warehouse. WQX uses the XML programming language to format data.	Ongoing
WQXWeb	The next version of WebSIM which will convert data (from spreadsheets and databases) to the XML format and migrate the data to the STORET warehouse. This tool will fully replace the current function of WebSIM.	Late 2008/Early 2009
STORET/WQX Compatible Data Template	A spreadsheet formatted for simple water quality data management and easy transmission of data (including required metadata) into the STORET warehouse using WebSIM or WQXWeb.	Ongoing New WQX Template ready November 2008
Metadata	Data which describes other data: the who, what, where, and how information which adds context to results (i.e. latitude and longitude of a sampling site).	
Node and Node Client	Software residing on a personal computer or server which transmits data directly to and from the STORET warehouse via the Exchange Network. Nodes use the XML format.	